Please amend page 13, last paragraph (continuing to page 14) as follows:

Then, the training is initiated and the training task signal in accordance with a program corresponding to the training task is transmitted from the information processor 108 so that the calculation task is presented on the training task presentation 110 of the display unit 120, as shown in FIG. [[5]]4 (Step 503). When the calculation task shown in FIG. 5 is presented, the trainee performs calculation and inputs the result of calculation to the trainee's response collection unit 111 (Step 505). When the training task is the calculation task, the trainee's response collection unit 111 is composed of a device capable of receiving a numerical input such as a keyboard. If the training task is a response to a sound or voice, the microphone 113 is used in place of the trainee's response collection unit 111. The content of the response from the trainee is transmitted in real time to the information processor 108 and stored (Step 506). In Step 506, information effective in evaluating the result of training such as the time at which the training task is presented by the program, the time of response from the trainee, and the result of a comparison with a correct answer is stored as a record of the result of training in the information processor 108 in conjunction with a record of the content of the response from the trainee. Based on the program corresponding to the training task, it is judged whether or not the training should be continued any longer (Step 507) and the judgment is repeated until a session of training is completed. Step 507 may also be performed by a process of displaying a question to the trainee based on the program and obtaining an answer, instead of the process in which the trainer views the measurement result presentation 104, evaluates the result, and makes a judgment. The number of times the judgment is repeated may be preset based on the program corresponding to the training task.

Please amend page 24, last paragraph (continuing to page 25-26) as follows:

Meanwhile, data obtained from measurement over the entire brain initiated in Step 801 is collected in real time by the information processor 108, as described above. However, the measurement data from the entire brain is shown as a record of measurement result in Step 806 for the convenience of description. The record of response result obtained in Step 805 and the record of measurement result obtained in Step 806 are used to compare the timing of the physical movement of the trainee in response to the search task or the timing of the image with the timing of the measurement data from the entire brain and thereby evaluate synchronism. The information processor 108 evaluates, for each of the measurement regions in the brain, whether or not the physical movement of the trainee in response to the search task is in synchronism (Step 807). As a method for evaluating synchronism, the region in

synchronism is determined by using a correlation coefficient or a calculation method represented by that disclosed in Non-Patent Document 3. The result of judging synchronism is stored as a record of synchronism judgment result in the information processor 108 (Step 808). For the evaluation of synchronism, a number of search tasks may be presented appropriately in a short period of time. For easy synchronism with the active region in the brain, the information processor 108 receives the result of measurement in real time from the signal converter 103, while simultaneously recording, in each result of measurement, the time at which a signal presenting the search task of the hand closing movement and the hand opening movement is transmitted onto the training task presentation 110. If the active region in the brain in synchronism is identified in Step 808, it is judged that the search should not be continued (Step 809) and if the search immediately proceeds to the initiation of training, the training is initiated by regarding the region as the ROI (Step 810). It is also possible to complete the search or training depending on the degree of fatigue of the trainee (Step 809, Step 810). In this case, the measurement is completed at this stage (Step 811). As is obvious from a comparison with FIG. 4, training after the ROI is specified by the search procedure is performed in accordance with the same procedure.